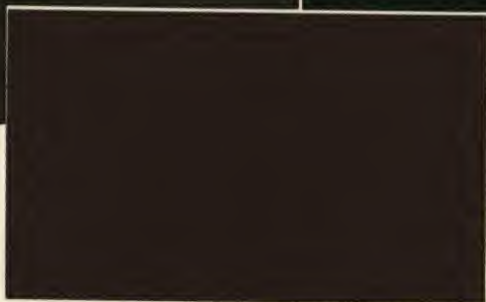


Son-Nel

color approved
CHALKBOARDS

cork and vinyl
TACKBOARDS



FIRST IN COLOR! FIRST IN QUALITY!

S

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N

FIRST IN COLOR!

Son-Nel Products Company pioneered the use of scientific, eye-pleasing color in chalkboards, offering premium quality chalkboards in six laboratory tested shades at no extra cost. Son-Nel's colors were selected after thorough research by the School Planning Division, California State Department of Education. A glance shows how they adapt ideally to contemporary visual education techniques. The vital reflectance factor (Son-Nel guarantees a maximum of 22%!) is well within limits set by experts to assure freedom from glare. Custom workmanship produces equipment that makes Son-Nel the *first choice* of educational institutions everywhere.

FIRST IN QUALITY!

Son-Nel's painstaking production techniques assure an exceptionally close-grained writing surface with a *minimum* thickness of .007 inch. These quality finishes are permanently bonded to three different types of composition backing, for a range of selection to meet specific needs. Each backing is *sealed with asphaltic primer* to eliminate moisture absorption and warp. All Son-Nel chalkboards are pre-chalked, ready for immediate use. Whichever line you select, you are assured of obtaining the best in quality equipment for lifetime service.

PREMIER BOARD



Son-Nel's finest—a virtually indestructible base of Portland cement and asbestos fibers assures a lifetime of service even in severe climatic environments. Combined with Son-Nel's velvet smooth writing surface, this makes Premier Board the ideal specification, anywhere!

SPECIFICATIONS

Writing surface—.007" minimum thickness
Backing—3/16" thick, cement asbestos sheets
Lengths—4' to 8', in full-foot increments
Widths—3', 3 1/2', 4'
Weight—2 lbs. per sq. ft.
Shipping weight—2 1/4 lbs. per sq. ft.

CALSLATE



Durability and economy! Son-Nel's close grained writing surface is bonded to tough 1/4" masonite-type backing (wood fiber). Extremely resistant to heat and moisture, Calslate yields long dependable service for lifetime economy.

SPECIFICATIONS

Writing surface—.007" minimum thickness
Backing—1/4" thick hardboard
Lengths—4' to 12', in full-foot increments
Widths—3', 3 1/2', 4'
Weight—1 1/4 lbs. per sq. ft.
Shipping weight—1 1/2 lbs. per sq. ft.

NOTE: Also made in 1/2" thickness with tongue and groove joints; weight, 2 1/2 lbs. per sq. ft.; shipping weight, 2 3/4 lbs. per sq. ft.

FIBRASLATE



Performance proved! Through years of rugged use, Fiberslate's economical hardboard backing of compacted wood fibers has proved its resistance to dents, cracks, tack holes, etc. The premium writing surface is identical to that on all Son-Nel chalkboards.

SPECIFICATIONS

Writing surface—.007" minimum thickness
Backing—.22" thick, wood fiber hardboard
Lengths—4' to 12', in full-foot increments
Widths—3', 3 1/2', 4'
Weight—1 lb. per sq. ft.
Shipping weight—1 1/4 lbs. per sq. ft.

SON-NEL PORCELAIN STEEL CHALKBOARDS

Lightweight, balanced panels of porcelain enameled steel provide extremely durable writing surfaces that are impervious to acids, greases, solvents, and are scratch and impact resistant. Son-Nel Porcelain Steel Boards are available in eight fadeproof colors in units up to 16 feet long. Maximum reflectance is only 20%—well within recommended standards.

SON-NEL MUVICTORY*—Porcelain enameled steel chalkboard laminated to 1/4" Mason board, with porcelain steel rusting sheet. Up to 4' x 16' in one piece. Can be applied to wall without adhesive.

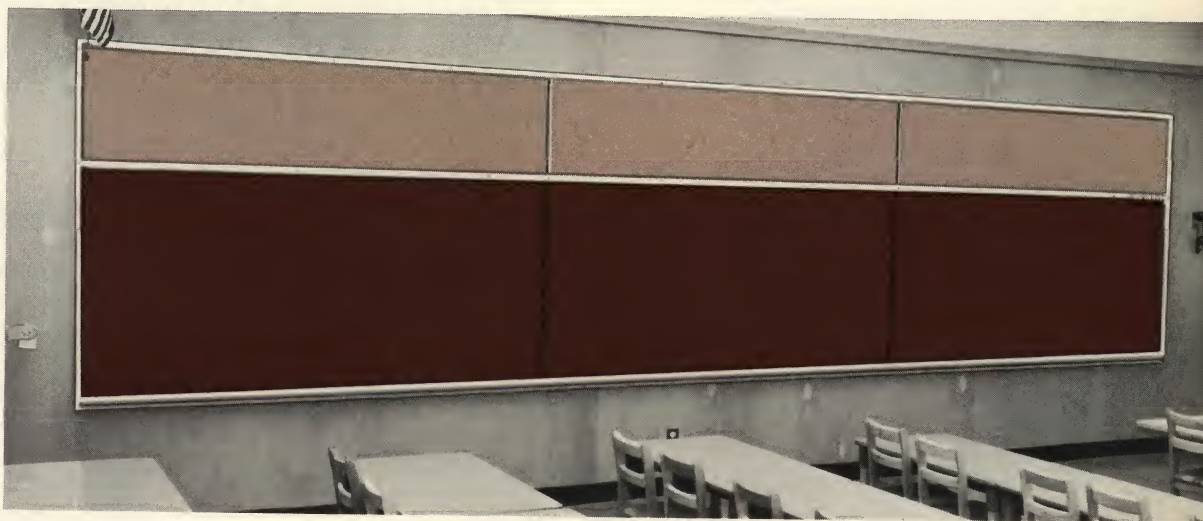
SON-NEL MIRAWAL* CHALKBOARD—Laminated to 1/4" plywood with rust-resistant metal backing sheet. Up to 4' x 12'.

RUSSET BROWN

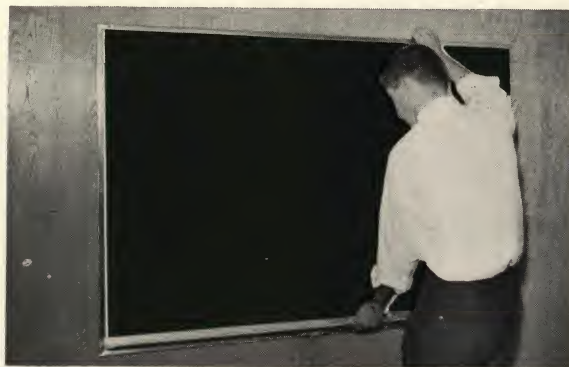
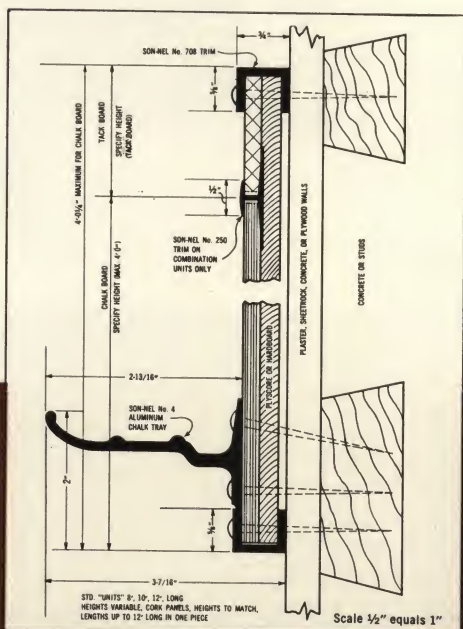
Chalkboards

Son-Nel PERMA-PANELS

Prefabricated, movable units for versatility!
(For permanent, glued-on units, see page 5.)



toggle bolts, or rawl plugs—or Perma-Panels may be furnished with wall-brackets for maximum portability! Combination units are laminated to plywood backing, prefabricated in lengths up to 24 feet.



Perma-Panels may be small or large as desired.

SLIDING PANELS

feather touch action

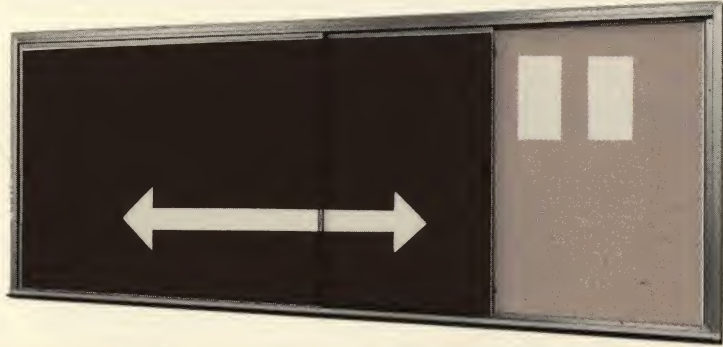
CHALKBOARDS and/or TACKBOARDS

Son-Nel Sliding Combination Units provide efficient double-duty convenience—horizontal or vertical units that are precision engineered for smooth operation. Combinations are built to specification, featuring chalkboard, tackboard, peg-board or motion picture screen units with 1, 2, 3 or more sliding panels *in addition* to the fixed wall panel. A single area of wall can in this way provide greatly increased working potential.

Son-Nel Sliding Units are fitted with all aluminum trim; fixtures are cadmium plated. *Horizontal Sliding Panels* will be constructed in any size required.

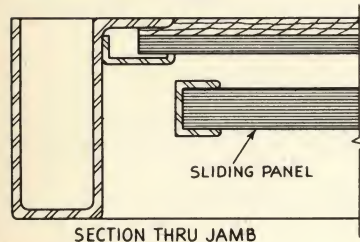
Vertical Sliding Panels are available in widths up to 8-feet, with lead counterweights and roller bearing sheaves for effortless movement. Chalkboards may be Premier Board, Calslate, Fibraslate or steel; tackboards may be Son-Nel Cork or Vinyl.

SPECIAL SON-NEL T.V. UNITS are available to your specifications with non-glare anodized aluminum trim. Compact sliding units are designed for educational and closed-circuit television productions where ease of operation and high visual impact is a must.

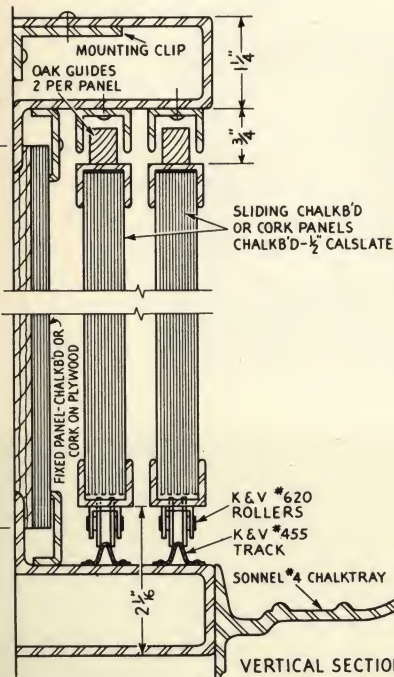


SON-NEL

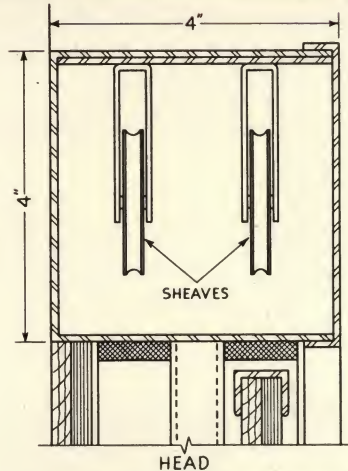
HORIZONTAL



SECTION THRU JAMB

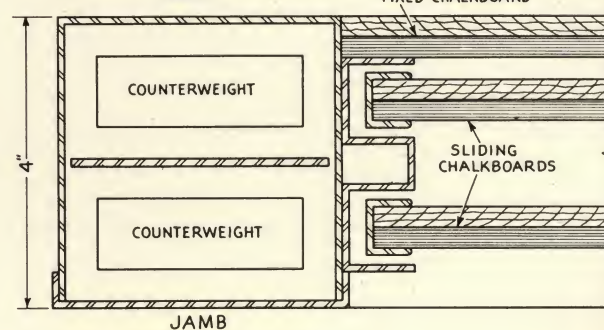


VERTICAL SECTION

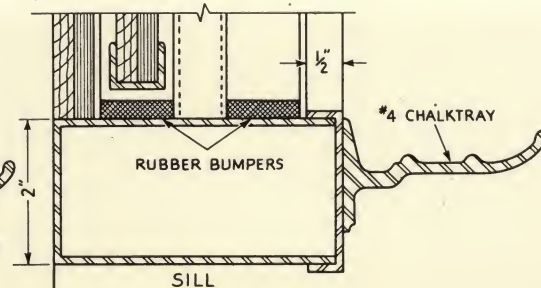


HEAD

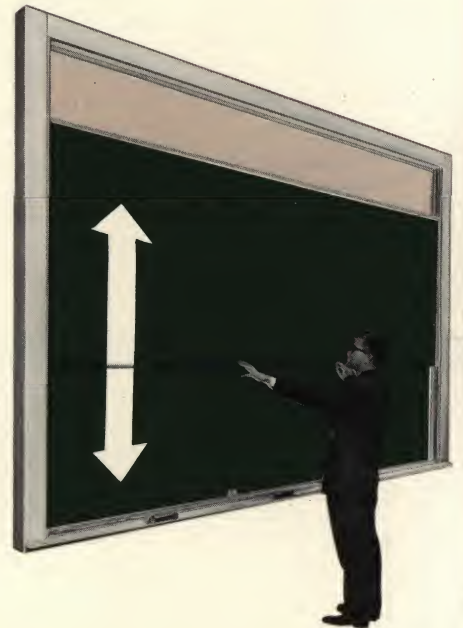
VERTICAL



JAMB



SILL



SON-NEL ANODIZED EXTRUDED ALUMINUM TRIM—Son-Nel extruded aluminum trim features exceptionally "slim design" to avoid unnecessary bulk and to increase usable board surface. Chalktrays are rugged, actually "childproof" to withstand the weight and rough usage encountered in school rooms. Precision-made in various sizes and styles, Son-Nel trim adds the finishing touch to quality Son-Nel chalkboard installations. See detail drawings on pages 3, 4 and 5 for typical applications.

Son-Nel

PERMANENT GLUED-ON INSTALLATIONS

CHALKBOARDS and TACKBOARDS

Any of the three types of Son-Nel chalkboards, or Son-Nel cork or vinyl tackboards, may be permanently installed on virtually any wall surface. Cement may be any proven waterproof type, such as the heaviest acoustical tile cement.

CHALKBOARD: Where several pieces adjoin each other, Son-Nel permanent joint strips form an inconspicuous bond. Son-Nel aluminum trim, of exceptionally light and compact design, may be installed after boards are set.

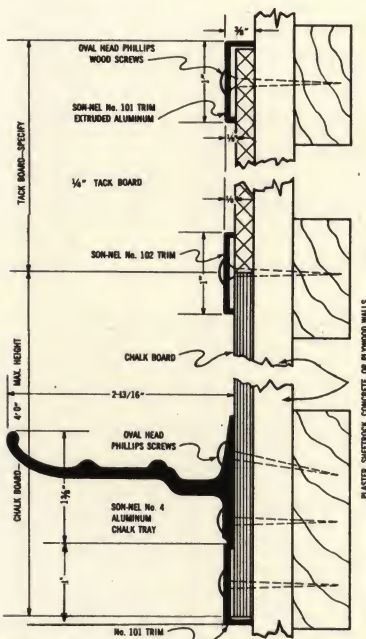
TACKBOARD: Corkboard (1/4" mat) may be applied directly to the wall with standard linoleum paste, and then aluminum trim installed. Vinyl is to be mounted on some other backing before application to wall. If supplementary backing is used (for vinyl or cork) then chalkboard mounting procedure should be followed.

TYPICAL ARCHITECTS' SPECIFICATIONS

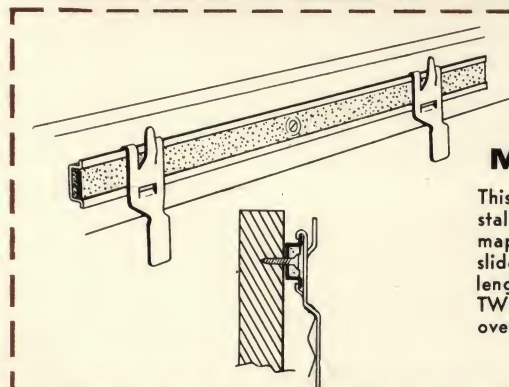
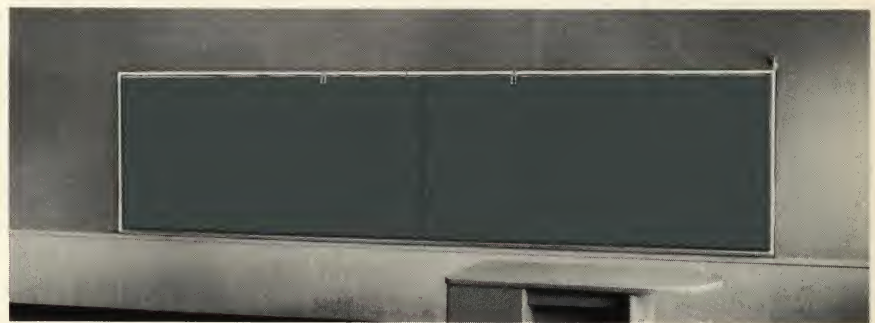
Chalkboards shall be (CALSLATE, FIBRASLATE, PREMIER Board) as manufactured by SON-NEL PRODUCTS CO. Colors shall be (specify colors desired). All lengths to 12 feet (CALSLATE and FIBRASLATE) or to 8 feet (PREMIER Board) shall be in one piece. Longer installations shall be in two or more pieces as required, joined together with an aluminum H joint strip, colored to match the chalkboard. Chalkboards shall be spot cemented to walls with an approved waterproof adhesive. Tackboards shall be (1/4-inch bulletin board cork) or (vinyl plastic); specify color desired; firmly cemented to the walls. Aluminum trim and chalk tray shall be installed by the chalkboard sub-contractor. Ends of tray shall be rounded.

Where all-wood trim is specified, this wood trim shall be furnished and installed by the general contractor.

CHALKBOARDS



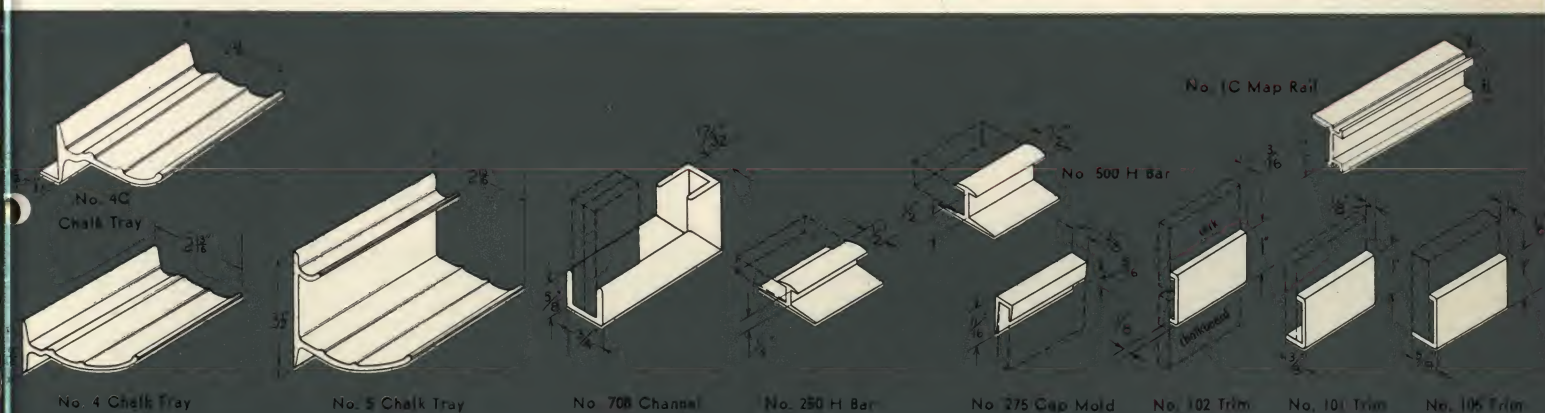
Scale 1/2" equals 1"



Son-Nel

MAP and DISPLAY RAIL

This "slim-trim" extruded aluminum rail is easily installed to provide versatile facilities for display of maps, charts, pictures, etc. Clip-type spring hooks slide smoothly to any position. Rail features full length cork pinning strip as standard equipment. TWO SIZES AVAILABLE: 1" wide and 2" wide, overall widths.



Son-Nel

TACKBOARDS

GLASS ENCLOSED BULLETIN BOARDS

READY TO INSTALL!

Attractive, heavy-duty bulletin boards feature extruded aluminum frames and doors, with the same "slim trim" design characteristic of all Son-Nel trim. Glass may be either 3/16" crystal or 1/4" plate. Doors are carefully hung with continuous piano hinges, and are equipped with cylinder locks. Unit depths range from 2" to 6", and they may be designed either for wall-hung installation (with blind hangers) or for recessed installation. Detail drawings furnished on request.

OTHER SIZES MADE TO SPECIFICATION

Pinning surfaces may be either 1/4" cork or vinyl plastic, available in colors as shown on opposite page. Grooved felt backing for effective arrangement of display letters is also available.

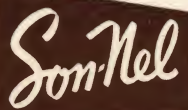
STANDARD SINGLE DOOR SIZES

24" x 24" high; 24" x 36" high;
30" x 42" high; 36" x 48" high.

STANDARD DOUBLE DOOR SIZES

36" x 30" high; 48" x 36" high;
72" x 36" high; 60" x 42" high;
72" x 48" high; 60" x 48" high.

Details sent on request.

Son-Nel

SWING-LEAF UNITS

CHALKBOARD and/or TACKBOARD



Each carefully balanced leaf of this Son-Nel swinging unit provides a double-faced display surface for chalkboard-tackboard combinations. As many as six leaves can be mounted, each providing a "feather-touch" full 180° swing, and each framed in Son-Nel slim design extruded aluminum

trim. Sturdy mounting bracket is also aluminum. Select from the full line of chalkboard and tackboard types.

Standard Leaf Sizes: 4' high x 3' feet wide; 4' high x 4' wide; other sizes to specification.

in CORK . . . or VINYL

Son-Nel CORK

ALL SON-NEL CORKS are superior quality, resilient cork composition, made specifically for bulletin board service—with *permanent* resilience and softness. They may be furnished in rolls or sheets, or mounted on plywood, hardboard or soft fiberboard backing of $\frac{1}{4}$ ", $\frac{3}{8}$ " or $\frac{1}{2}$ " thickness, as specified. (For $\frac{1}{8}$ " cork, soft board backing is recommended.)

COLOR: For easy adaptation into modern classrooms Son-Nel Corks are available in the six colors indicated at right. Light reflectance is comfortably low, due to finely textured surfaces.

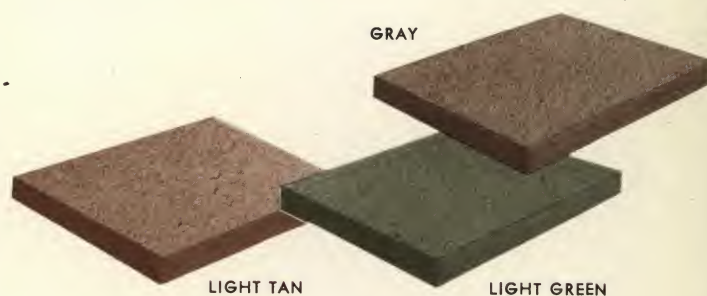
FINE GRAIN—SMOOTH SURFACE: Burlap backed, and may be mounted with either smooth or burlap side exposed. See table for size and color availability.

PEBBLE GRAIN—SMOOTH SURFACE: This is available in light tan, Son-Nel No. 1 only. Thickness, $\frac{1}{4}$ " or $\frac{1}{8}$ ". Maximum size, 4' x 12'. Can be mounted on hard or soft backing as specified.

AVAILABILITY CHART

Color	Width: 48"		72"	
	Thickness: $\frac{1}{4}$ "	$\frac{1}{8}$ "	$\frac{1}{4}$ "	$\frac{1}{8}$ "
LIGHT TAN—B10	Yes	Yes	Yes	Yes
LIGHT GREEN—B8	Yes	Yes	Yes	Yes
GRAY—B6	Yes	No	Yes	No
CORAL—A58	Yes	No	Yes	No
GOLD—B12	Yes	No	No	No
CORAL ROSE—B18	Yes	No	No	No

All the above corks are in rolls averaging 90 ft. in length.
Average weights: $\frac{1}{4}$ " cork, 1 lb./sq. ft.; $\frac{1}{8}$ " cork, $\frac{1}{2}$ lb./sq. ft.



Son-Nel VINYL

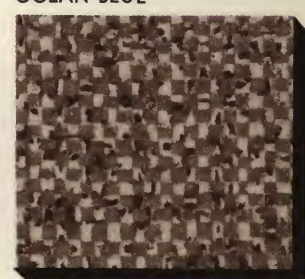
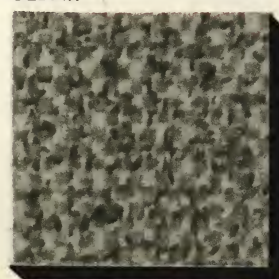
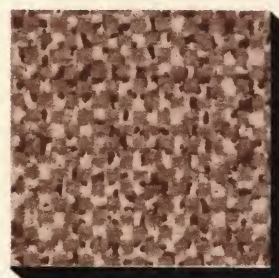
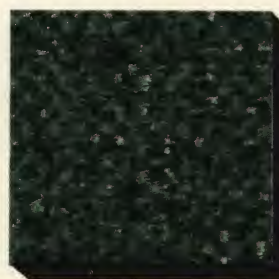
Vinyl Plastic provides a pinning surface in limitless colors and patterns that will not crack, chip, peel or scratch. Son-Nel Vinyl Tackboards may be specified in virtually any color, pattern or make of vinyl on the market (i.e. Guard, Koroseal, Kalistron, Vicrotex, etc.). These fabrics are laminated to a treated pulp board backing—and are stain and fire resistant, easy to clean, maintaining their pliable and spongy texture for decades. Holes are self-sealing.

COLOR: Illustrated are six sample colors available in *Guard* Vinyl, one of many available through Son-Nel. These deep-textured patterns eliminate disturbing reflectance.

AVAILABILITY CHART

WIDTH, 54"

40-B OYSTER GRAY	45-B CEDAR
41-B SANDALWOOD	46-B GRAY CHARCOAL
42-B DESERT TONE	47-B OCEAN BLUE
43-B CINNAMON	48-B WOODLAND GREEN
44-B REDWOOD	49-B AVOCADO GREEN



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Manufacturers of Quality Since 1946

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